

What is claimed is;

1. An electronic camera comprising:

an image capturing device that performs  
photoelectric conversion on a subject image formed by a  
5 photographic optical system and outputs image data;

an image display device that displays an image based  
upon the image data;

a first storage device achieving a first access  
speed;

10 a second storage device achieving a second access  
speed lower than the first access speed; and

a control device that, if image data for display are  
present in said first storage device when an image  
reproduction mode for displaying the image based upon the  
15 image data at said image display device is set, displays  
an image based upon the image data in said first storage  
device at said image display device, and if the image  
data for display are not present in said first storage  
device, displays an image based upon image data in said  
20 second storage device at said image display device.

2. An electronic camera according to claim 1, wherein:

said first storage device is a volatile storage  
device and said second storage device is a non-volatile  
25 storage device.

004020-12726160

3. An electronic camera comprising:

an image capturing device that performs  
photoelectric conversion on a subject image formed by a  
5 photographic optical system and outputs an image signal;

an image signal processing device that outputs image  
data obtained by performing a predetermined type of  
processing on the image signal;

a shutter release operation member operated to issue  
10 an instruction for a start of a photographing operation;

a photographing mode setting device that is operated  
to set a photographing mode which is either a single-shot  
photographing mode in which a single photographing  
operation is executed in response to one operation of  
15 said shutter release operation member or a continuous  
photographing mode which enables continuous execution of  
a plurality of photographing operations in response to a  
single operation of said shutter release operation  
member;

20 a volatile storage device in which a storage area is  
secured to temporarily store the image data output by  
said image signal processing device when said continuous  
photographing mode is set; and

a control device that stores a plurality of sets of  
25 image data obtained through a plurality of photographing

operations in said storage area when said single-shot  
photographing mode is selected, and reproduces an image  
based upon the image data present in said storage area  
when a reproduction mode for reproducing images obtained  
5 through photographing is set.

4. An electronic camera according to claim 3, wherein:  
in said continuous photographing mode, a continuous  
photographing operation is performed in response to a  
10 sustained operation of said shutter release operation  
member.

5. An electronic camera according to claim 3, wherein:  
in said continuous photographing mode, a  
15 photographing operation is performed continuously over a  
specific number of times that is set in advance in  
response to a single operation of said shutter release  
operation member.

20 6. An image processing apparatus comprising:  
an image capturing device that performs  
photoelectric conversion on a subject image formed by a  
photographic optical system and outputs image data;  
an image display device that displays an image based  
25 upon the image data;

a temporary storage device that temporarily stores the image data;

an image storage device for storing the image data, that holds the data even when power to said image processing apparatus is turned off;

a reproduction mode setting device that sets a reproduction mode for displaying the image based upon the image data stored in said image storage device at said image display device; and

a control device that, if image data for display are present in said temporary storage device when said reproduction mode is set by said reproduction mode setting device, displays the image based upon the image data in said temporary storage device at said image display device and if the image data for display are not present in said temporary storage device, displays an image based upon image data in said image storage device at said image display device.

7. An image processing apparatus according to claim 6, wherein:

an access time of said temporary storage device is shorter than an access time of said image storage device.